

| | | |
|--------------|--------------|--------------|
| CCCCCCCCCCCC | LLL | DDDDDDDDDDDD |
| CCCCCCCCCCCC | LLL | DDDDDDDDDDDD |
| CCCCCCCCCCCC | LLL | DDDDDDDDDDDD |
| CCC | LLL | DDD |
| CCCCCCCCCCCC | LLLLLLLLLLLL | DDDDDDDDDDDD |
| CCCCCCCCCCCC | LLLLLLLLLLLL | DDDDDDDDDDDD |
| CCCCCCCCCCCC | LLLLLLLLLLLL | DDDDDDDDDDDD |

FILEID**RUNOFF

I 15

| | | | | | | | |
|----------|----|----|----|------------|--------|--------|--------|
| RRRRRRRR | UU | UU | NN | NN | 000000 | FFFFFF | FFFFFF |
| RRRRRRRR | UU | UU | NN | NN | 000000 | FFFFFF | FFFFFF |
| RR | RR | UU | UU | NN | 00 | 00 | FF |
| RR | RR | UU | UU | NN | 00 | 00 | FF |
| RR | RR | UU | UU | NNNN | NN | 00 | FF |
| RR | RR | UU | UU | NNNN | NN | 00 | FF |
| RR | RR | UU | UU | NNNN | NN | 00 | FF |
| RRRRRRRR | UU | UU | NN | NN | 00 | 00 | FFFF |
| RRRRRRRR | UU | UU | NN | NN | 00 | 00 | FFFF |
| RR | RR | UU | UU | NNNN | 00 | 00 | FF |
| RR | RR | UU | UU | NNNN | 00 | 00 | FF |
| RR | RR | UU | UU | NN | NN | 00 | FF |
| RR | RR | UU | UU | NN | NN | 00 | FF |
| RR | RR | UU | UU | NN | NN | 00 | FF |
| RR | RR | UU | UU | NNNN | NN | 000000 | FF |
| RR | RR | UU | UU | NNNN | NN | 000000 | FF |
| RR | RR | UU | UU | UUUUUUUUUU | NN | NN | FF |
| RR | RR | UU | UU | UUUUUUUUUU | NN | NN | FF |

....

| | | |
|----------|----------|----------|
| CCCCCCCC | LL | DDDDDDDD |
| CCCCCCCC | LL | DDDDDDDD |
| CC | LL | DD |
| CCCCCCCC | LLLLLLLL | DDDDDDDD |
| CCCCCCCC | LLLLLLLL | DDDDDDDD |

Version: 'V04-000'

14 February 1984
Command-line description file for RUNOFF

```
define type contents_page_options
  keyword running,           negatable
  keyword level,             value(required, type=$number)

define type index_page_options
  keyword running,           negatable

define syntax RUN_CONTENTS
  image DSRTOC
  parameter p1,               label=input, prompt="File", value(required, list, type=$infile)
  qualifier bold
  qualifier deepest_header,   value(required, type=$number), nonnegatable
  qualifier identification
  qualifier indent
  qualifier log
  qualifier output,           value(type=$outfile), default
  qualifier page_numbers,    value(required, list, type=index_page_options), nonnegatable
  qualifier require,          value(required, type=$infile)
  qualifier section_numbers
  qualifier underline

define syntax RUN_INDEX
  image DSRINDEX
  parameter p1,               label=input, prompt="File", value(required, list, type=$infile)
  qualifier identification
  qualifier lines_per_page,   value(required, type=$number), nonnegatable
  qualifier log
  qualifier output,           value(type=$outfile), default
  qualifier page_numbers,    value(list, type=index_page_options), default
  qualifier require,          value(required, type=$infile)
  qualifier reserve,          value(required, type=$number)

define type debug_options
  keyword all,                default
  keyword conditionals
  keyword contents
  keyword files
  keyword index

define type message_options
  keyword output
  keyword user

define verb RUNOFF
  image RUNOFF
  parameter p1,               label=p1, prompt="File", value(required, list, type=$infile)
  qualifier backspace
  qualifier bold,              placement=position, nonnegatable
  qualifier change_bars,      value(default=1, type=$number), default, placement=position
  qualifier contents,          placement=position
  qualifier syntax=run_contents
```

| | |
|---------------------------------|---|
| qualifier debug, | value(list, type=debug_options, default=ALL), placement=positional |
| qualifier dec_internal, | value(list), placement=positional, nonnegatable |
| qualifier device, | value(required, list), placement=positional, nonnegatable |
| qualifier down, | value(default=5, type=\$number), placement=positional |
| qualifier form_size, | value(required, type=\$number), nonnegatable |
| qualifier index, | syntax=run_index |
| qualifier intermediate, | value(type=\$outfile), placement=positional |
| qualifier log | |
| qualifier messages, | value(required, type=message_options, list), placement=positional, nonnegatable |
| qualifier output, | value(type=\$outfile), placement=positional |
| qualifier overprint, | default, placement=positional, nonnegatable |
| qualifier pages, | value(required), placement=positional, nonnegatable |
| qualifier pause | |
| qualifier right, | value(default=5, type=\$number), placement=positional |
| qualifier sequence | placement=positional |
| qualifier simulate | |
| qualifier underline_character, | value(default=" "), default, placement=positional |
| qualifier separate_underline, | value(default=":"), placement=positional, nonnegatable |
| qualifier nonspacing_underline, | value(default=""), placement=positional, nonnegatable |
| qualifier variant, | value, placement=positional, nonnegatable |

0046 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

| | | | | | | | |
|---------------|-------------|---------------|--------------|--------------|---------------|---------------|------------|
| CLD | BACKUP CLD | DCLTABLES CLD | DISMOUNT CLD | ENCRYPT CLD | LIBRARIAN CLD | MCRINT CLD | REPLY CLD |
| DCLTABLES MAP | CREATE CLD | DEF CLD | DMO CLD | EXCHANGE CLD | LIBRARY CLD | MORTABLES CLD | PASCAL CLD |
| ACC CLD | BAD CLD | DCLINT CLD | DELETE CLD | DUMP CLD | LINK CLD | PATCH CLD | RUN CLD |
| CHECKSUM CLD | ANALYZE CLD | CLISYM1 CLD | EDIT CLD | FORTRAN CLD | MCRSET CLD | MESSAGE CLD | PHONE CLD |
| PSECTS R32 | CLISYM2 CLD | CONVERT CLD | DIFF CLD | HELP CLD | MACRO CLD | MONITOR CLD | RUNOFF CLD |
| MORTABLES MAP | COPY CLD | DIRECTORY CLD | EDIT CLD | INIT CLD | MAIL CLD | RECOVER CLD | SQL CLD |
| JNLUSR MAR | MOVE CLD | MAIL CLD | MAIL CLD | MAIL CLD | MOUNT CLD | RENAME CLD | SEARCH CLD |